

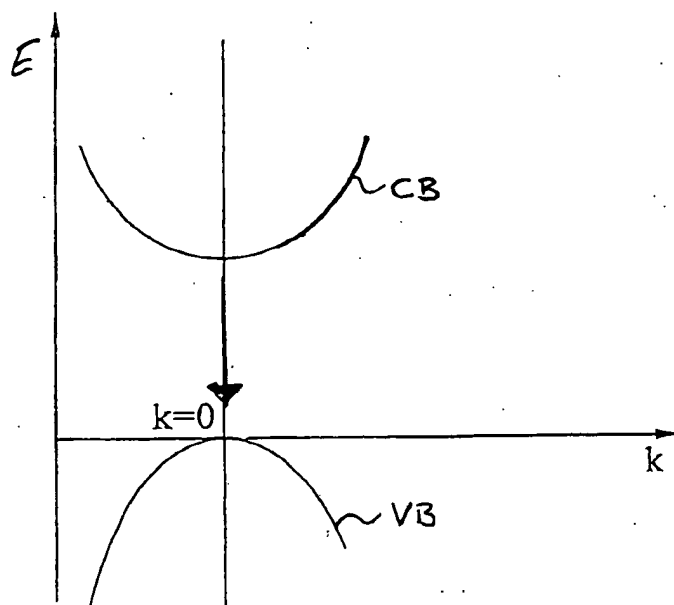
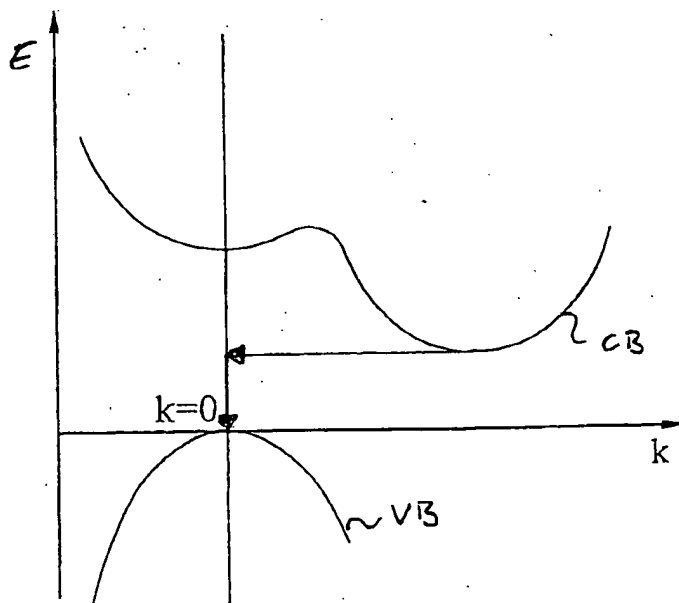
Fig. 1Fig. 2

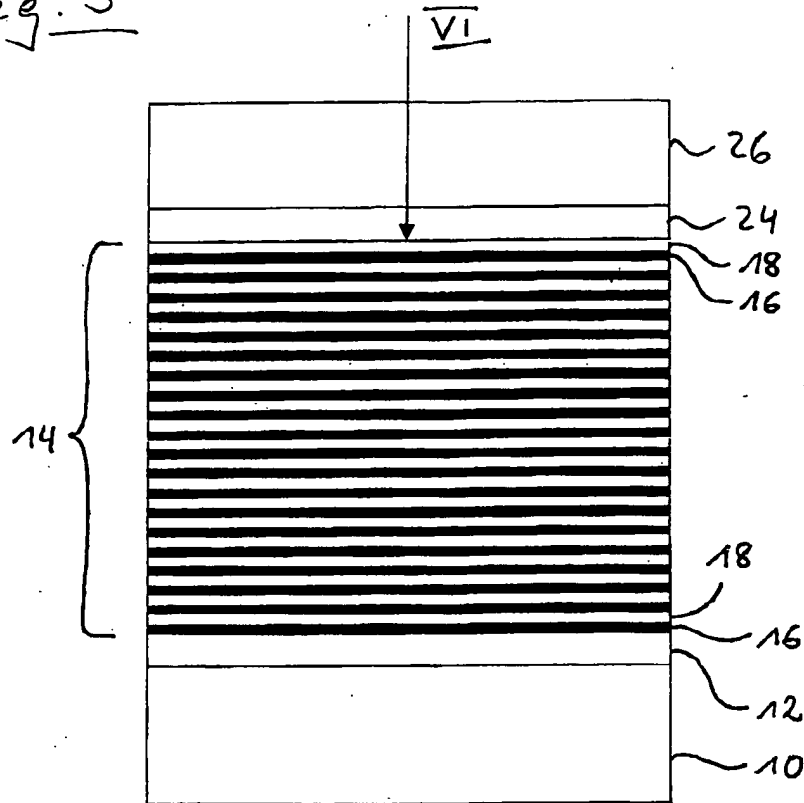
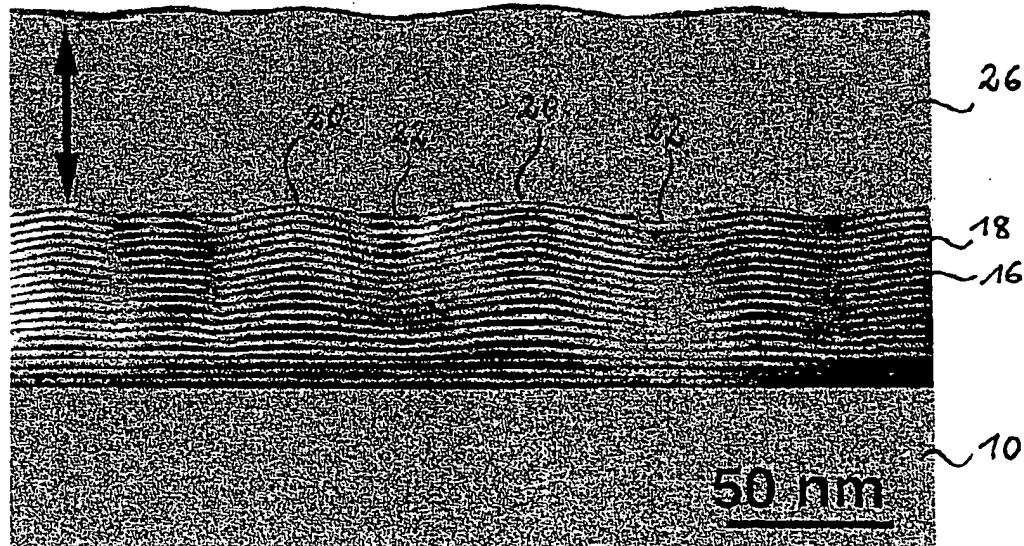
Fig. 3Fig. 4

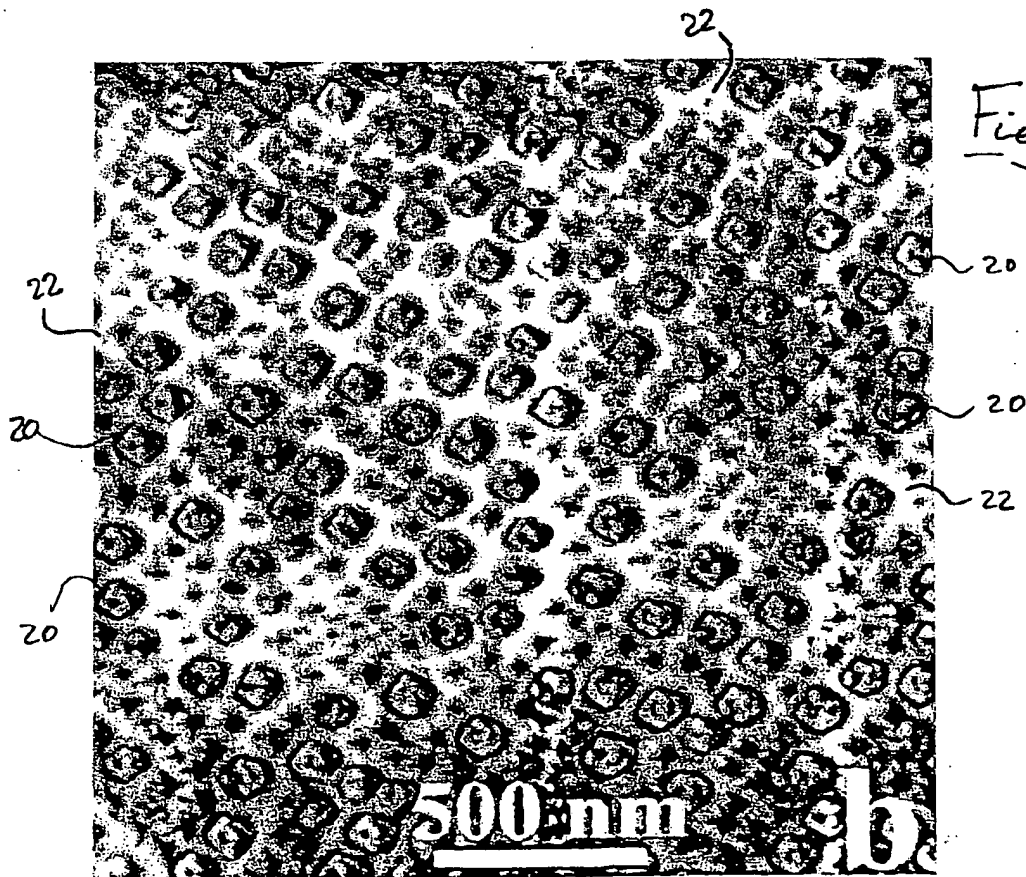
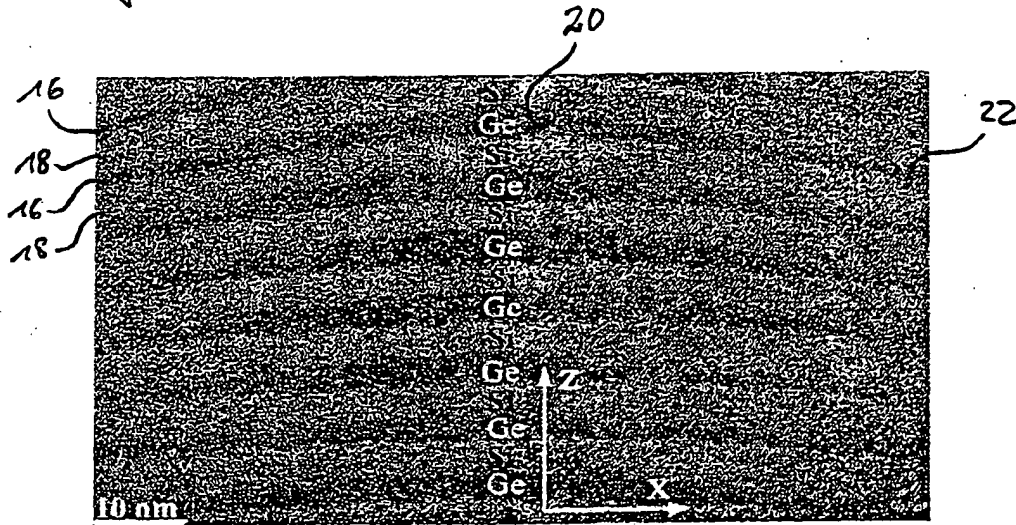
Fig. 5

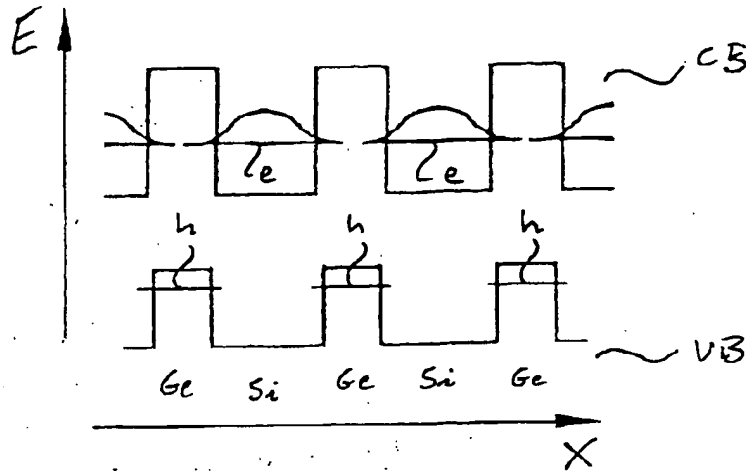
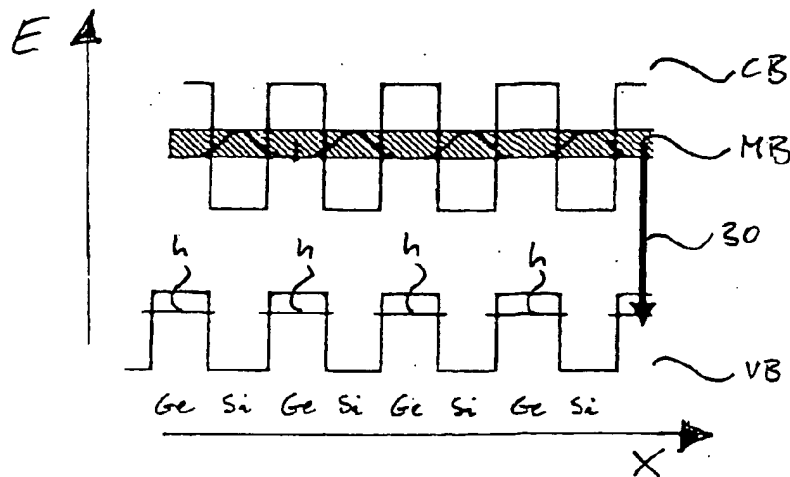
Fig. 7Fig. 8

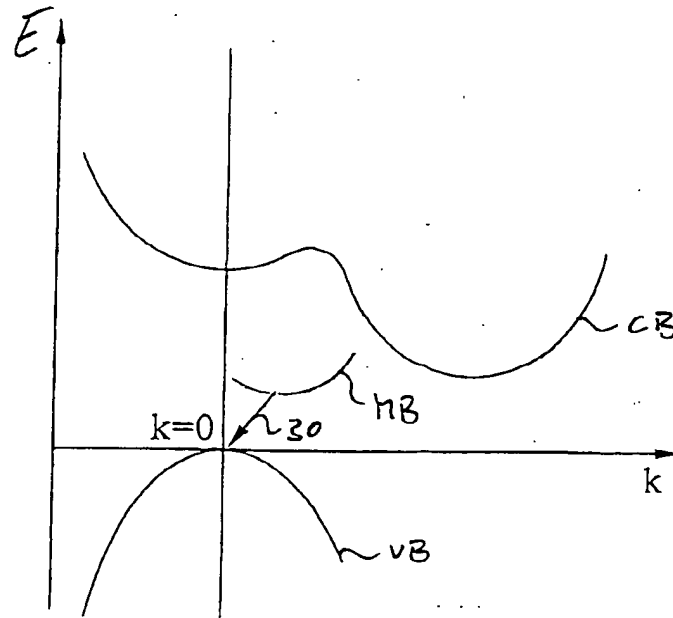
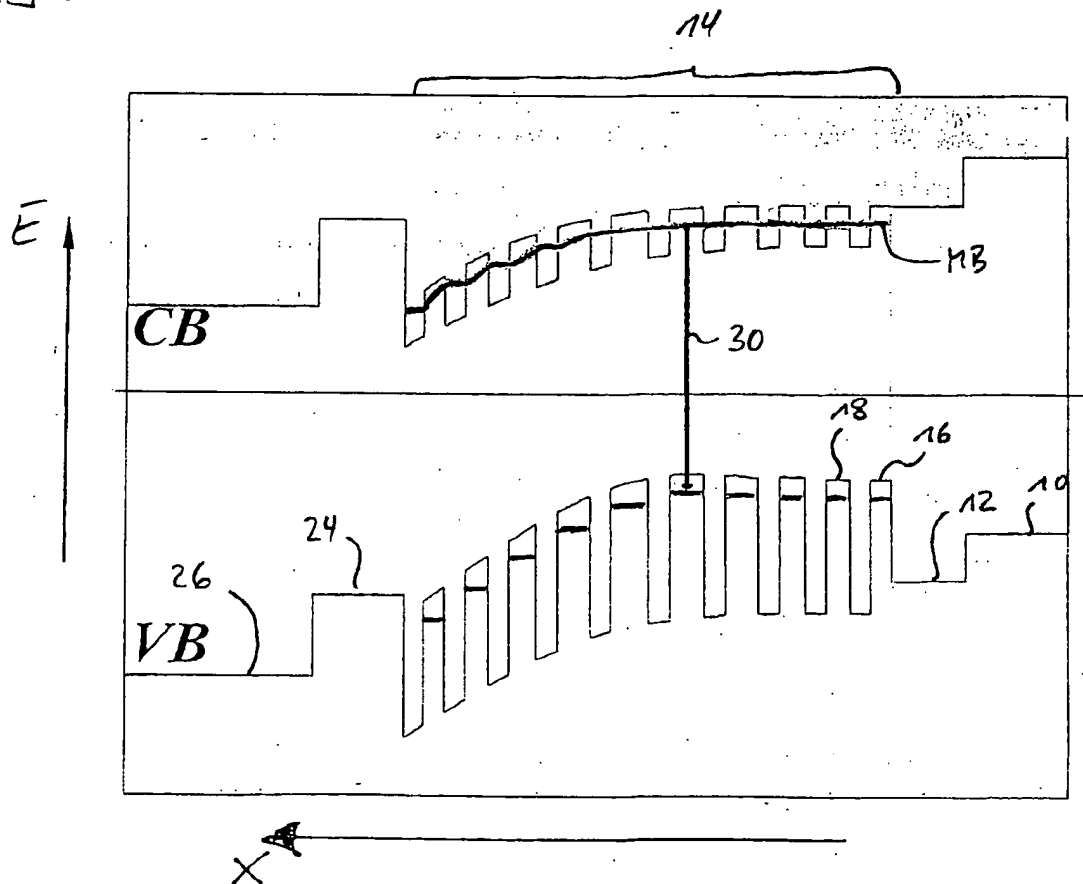
Fig. 9Fig. 10

Fig. 11

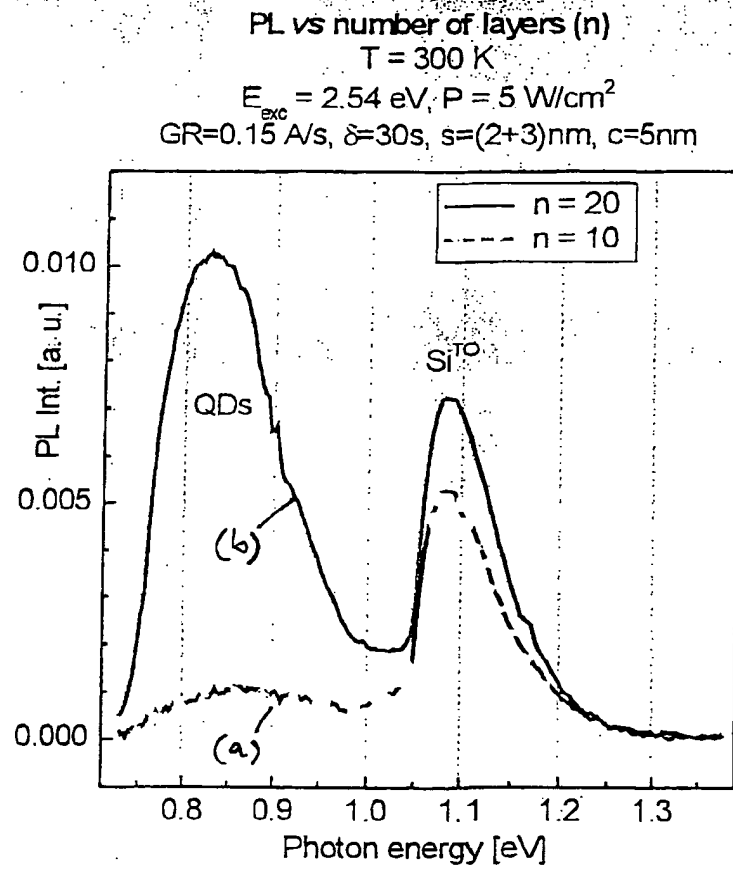


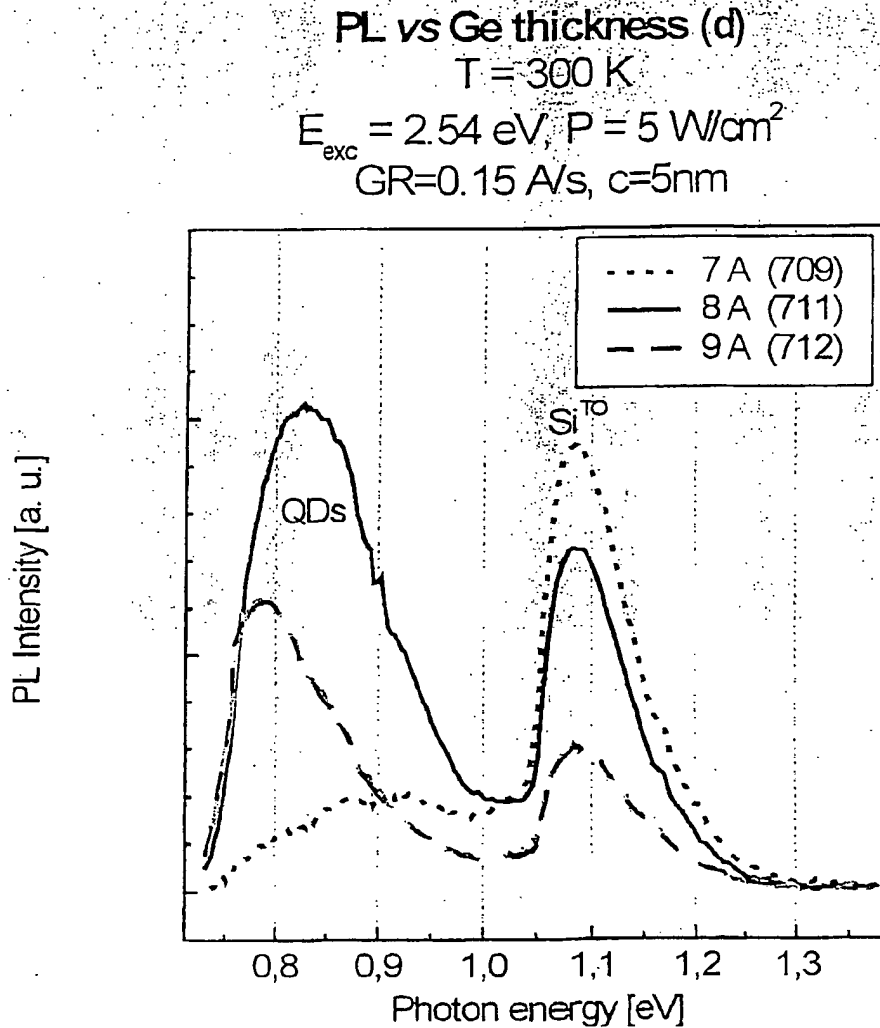
Fig. 12

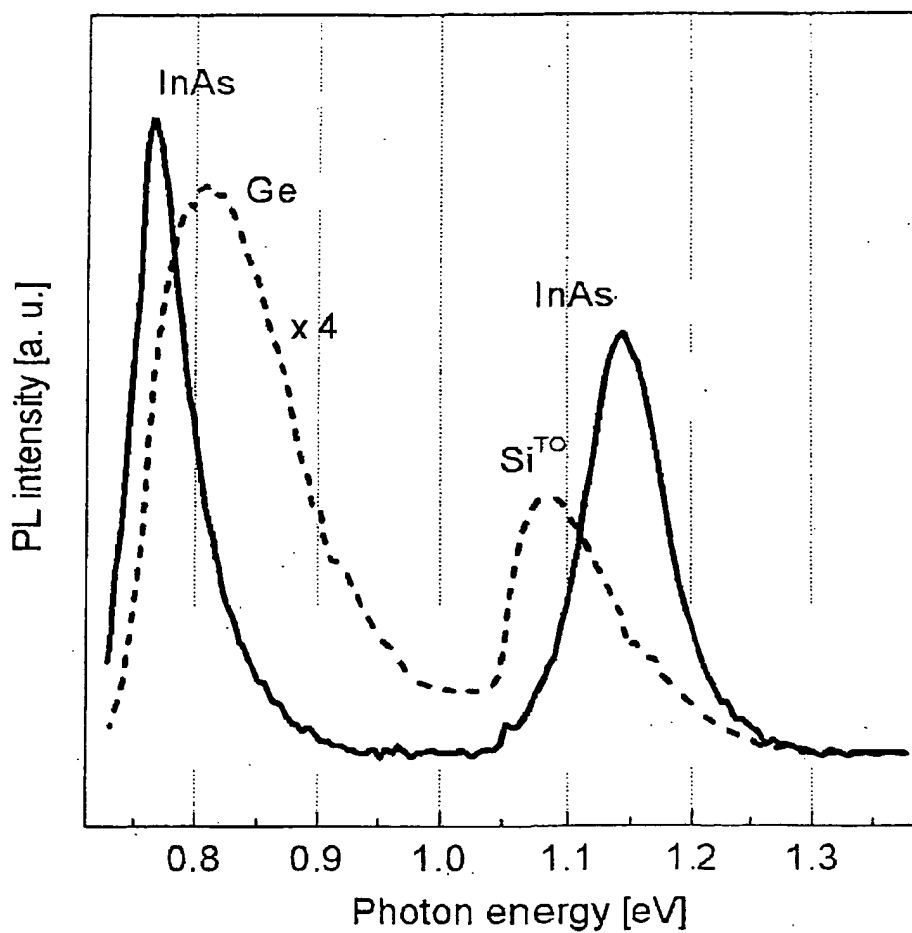
Fig. 13**Ge-QDs vs InAs-QDs (LTLS)**PL at $T = 300\text{ K}$ $E_{\text{exc}} = 2.54\text{ eV}$, $P = 1\text{ W/cm}^2$ 

Fig. 14